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L 0 2 2002 MIHE UNITED STATES PATENT AND TRADEMARK OFFICE

Unit

: 2635

Examiner

Serial No.

: 10/016,882

Filed

: December 14, 2001

Inventor Title : Mark E. Day

: SYSTEM AND METHOD FOR

: COMMUNICATION BETWEEN

: REMOTE LOCATIONS

Docket No. 1560-R-00

Date: June 28, 2002

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, DC 20231

RECEIVED

JUL 0 8 2002

Sir:

Technology Center 2600

We submit herewith the usual Form PTO-1449 together with copies of publications listed therein. They are submitted to comply with the Applicants' duty of disclosure under 37 C.F.R. §1.56 and are believed related to this application.

We are submitting this in the spirit of voluntary disclosure and look forward with interest to the Examiner's action at an early date on the merits of the case.

It is accordingly requested that the Information Disclosure Statement be officially entered in the file of this case and that appropriate notification be made that it was considered in the prosecution of the case.

Respectfully submitted,

Paul A. Taufer Reg. No. 35,703

Attorney for Applicants

PAT:vjh (215) 563-1810

SERIAL NO. ATTY DOCKET NO. 1560-R-003,97 10/016,882 NEORMATION DISCLOSURE CITATION APPLICANT(S) Mark E. Day (Use several sheets if necessary) GROUP FILING DATE December 14, 2001 2635 U.S. PATENT DOCUMENTS FILING DATE CLASS SUBCLASS NAME DOCUMENT NUMBER DATE IF APPROPRIATE 8/3/76 Fong 3,973,240 Whyte 9/14/76 3,980,954 Long et al. 8/2/77 4,040,046 Stutt et al. 7/18/78 4,101,834 Kullmann et al. 4/18/78 4,085.287 RECEIVED Farnsworth 8/15/78 4,107,656 JUL 0 8 2002 Kincaid et al. 8/22/78 4,109,204 Technology Center 2600 Pai 12/19/78 4,130,874 Robinson 12/26/78 4,131,881 Young et al. 1/16/79 4,135,101 Bogacki et al. 1/16/79 4,135,181 FOREIGN PATENT DOCUMENTS TRANSLATION CLASS SUBCLASS COUNTRY DATE DOCUMENT NUMBER YES 6/25/96 Japan 167076 Abstract 8/4/98 Japan 097039 Only Japan 7/11/97 180053 Japan 6/15/89 1153636 (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS

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10/016,882 1560-R-00 APPLICANT(S) MATION DISCLOSURE CITATION Mark E. Day (Use several sheets if necessary) JUL 0 2 2003 2 GROUP FILING DATE 2635 December 14, 2001 **U.S. PATENT DOCUMENTS** FILING DATE SUBCLASS CLASS NAME DATE DOCUMENT NUMBER IF APPROPRIATE INITIAL 5/20/69 A. Spalti 3,445,814 4/11/72 Paull 3,656,112 Feldman et al. 8/8/72 3,683,343 8/29/72 Rouse 3,688,271 Crafton et al. 9/19/72 3,693,155 RECEIVED Blose 11/7/72 3,702,460 Batz 12/5/72 3,705,385 Techhology Center 2600 12/19/72 Harner 3,706,930 3/6/73 Oishi et al. 3,719,928 7/17/73 Pansini 3,747,104 Finlay, Jr. et al. 6/4/74 3,815,119 FOREIGN PATENT DOCUMENTS TRANSLATION SUBCLASS CLASS COUNTRY DATE DOCUMENT NUMBER YEŞ Great Britain 9/12/49 629,098 Great Britain 1/15/69 1,140,251 Great Britain 1,121,719 7/31/68 **Great Britain** 11/26/69 1,172,344 Great Britain 7/16/75 1,400,477 (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS **DATE CONSIDERED EXAMINER** \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

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|                     |              | 4,270,206  | 5/26/81                                      | Hughes                   |                          |                       |                     |                             | <del></del> |  |
|                     |              | 4,276,644  | 6/30/81                                      | DeWitte                  | e                        |                       |                     |                             | ·····       |  |
|                     |              | 4,298,986  | 11/3/81                                      | Hughes                   |                          |                       |                     |                             |             |  |
|                     |              | 4,300,126  | 11/10/81                                     | Gajjar                   |                          |                       |                     |                             |             |  |
|                     |              | 4,301,445  | 11/17/81                                     | Robinso                  | on                       |                       |                     |                             |             |  |
|                     |              | 4,302,750  | 11/24/81                                     | Wadhw                    | ani et al.               |                       | RECEN               | VED                         |             |  |
|                     |              | 4,349,879  | 9/14/82                                      | Peddie                   | et al.                   |                       | JUL 0 8 2002        |                             |             |  |
|                     |              | 4,307,464  | 12/22/81                                     | Hughes Tech              |                          |                       |                     | Inology Center 2600         |             |  |
|                     |              | 4,308,619  | 12/29/81                                     | Hughes                   |                          |                       |                     |                             |             |  |
|                     |              | 4,310,805  | 1/12/82                                      | Hackert et al.           |                          |                       |                     |                             |             |  |
|                     |              | 4,315,251  | 2/9/82                                       | 2/9/82 Robinson et al.   |                          |                       |                     |                             |             |  |
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| •  |                                     | 4,322,842  | 3/30/02                                    | Martine   | ez                           |                |                     |              |             |  |
|  |                                     | 4,323,882  | 4/6/82                                     | Gajjar  |                              |                |                     |              |             |  |
|  |                                     | 4,344,180  | 8/10/82                                    | Cummis  | skey                         |                |                     |              |             |  |
|  |                                     | 4,361,766  | 11/30/82                                   | de Mon  | tgolfier et al.              |                |                     |              |             |  |
|  |                                     | 4,375,100  | 2/22/83                                    | Tsuji et  | al.                          |                | RECEI               | VED.         |             |  |
|  |                                     | 4,393,501  | 7/12/83                                    | Kellogg et al.                                  |                              |                | JUL 0 8             |              |             |  |
| •  |                                     | 4,396,915  | 8/2/83                                     | Farnswo   | orth et al.                  | 7              | Technology Ce       |              |             |  |
|  | 4,400,811<br>4,455,655<br>4,427,968 |  | 8/23/83                                    | Brown et al.                                    |                              |                | - Third of the      | alrei 2000   |             |  |
|  |                                     |  | 7/19/84                                    | Galen et  | len et al.                   |                |                     |              |             |  |
|  |                                     |  | 1/24/84                                    | York  |                              |                |                     |              |             |  |
|  | 4,429,299                           |  | 1/31/84                                    | Kabat e   | t al.                        |                | <u> </u>            | ,            |             |  |
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| ·           | 4,446,462                              | 5/1/84  | Oullette    | e et al.                              |                              |                     |               |             |  |  |
|             | 4,462,109                              | 7/24/84   | Hughes      |                                       |                              |                     |               |             |  |  |
|             | 4,475,217                              | 10/2/84   | Hughes      | }<br>                                 |                              |                     |               |             |  |  |
|             | 4,504,831                              | 3/12/85   | Jahr et     | al.                                   |                              |                     |               |             |  |  |
|             | 4,513,415                              | 4/23/85   | Martin      | ez                                    |                              |                     |               |             |  |  |
|             | 4,517,562                              | 5/14/85   | Martin      | ez                                    |                              | RECE                |               |             |  |  |
| ·           | 4,518,822                              | 5/21/85   | Martin      | Martinez                              |                              |                     | IVED          |             |  |  |
|             | 4,584,685                              | Gajjar  |             | 7                                     | RECE<br>JUL 0<br>echnology C | P 2002              |               |             |  |  |
|             | 4,623,313 12/9/86                      |   |             | Gombrich et al.                       |                              |                     | enter 260     | 0           |  |  |
|             | 4,641,325 2/3/87                       |   | Hughes      |                                       |                              |                     |               |             |  |  |
|             | 4,713,837                              | 12/15/87  | Gordon      | 1                                     |                              |                     |               |             |  |  |
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| INITIAL   | 4,731,575  | 3/15/88          | Sloan               |                                       |                |                      | IF APPROP    | RIATE                                  |  |
|           | 4,795,892  | 1/3/89           | Gilmore             | et al.                                |                |                      |              |  |  |
|           | 4,803,632  | 2/7/89           | Frew et             | al.                                   |                |                      |              |  |  |
|           | 4,831,558  | 5/16/89 .        | Shoup e             | t al.                                 |                |                      |              |  |  |
|           | 4,833,618  | 5/23/89          | Verma e             | et al.                                | <u>.</u>       | RECEI                | IVED         |  |  |
|           | 4,862,493  | 8/29/89          | Venkata             | raman et al.                          |                | JUL 0 8 2002         |              |  |  |
|           | 4,881,070  | 11/14/89         | Burrows             | s et al.                              | Te             | chnology Ce          | Center 2600  |  |  |
|           | 5,146,067  | 9/8/92           | Sloan et            | al.                                   |                |                      |              |  |  |
|           | 5,268,666  | 12/7/93          | Michel et al.       |                                       |                |                      |              |  |  |
|           | 5,452,291  | 9/19/95          | Elsenhandler et al. |                                       |                |                      |              |  |  |
|           | 5,553,094  | 9/3/96           | Johnson             | et al.                                |                |                      |              |  |  |
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|             |           | 5,590,179                         | 12/31/96               | Shine        | ovich et al.             |                     |                        |              | •           |
| <del></del> |           | 5,602,744                         | 2/11/97                | Meek         | et al.                   |                     |                        |              |             |
|             |           | 5,699,276                         | 12/16/97               | Roos         |                          |                     |                        |              |             |
|             |           |                                   |                        |              | oudis et al.             |                     |                        |              |             |
|             |           |                                   |                        |              | s et al.                 |                     |                        |              |             |
|             |           | 5,986,574                         | 11/16/99               | Colto        | n                        |                     | RECE                   | IVED         |             |
|             |           | 4,641,322                         | 2/3/87                 | Haseg        | Hasegawa                 |                     | 1 - 2 0                | 7            |             |
|             |           | 4,749,992                         | 6/7/88                 | Fitzen       | neyer et al.             |                     | Technology Center 2600 |              |             |
|             |           | 5,438,329 8/1/95                  |                        |              | uniotis et al.           |                     |                        |              |             |
|             |           | 5,495,239 2/27/96                 |                        |              | ette                     |                     |                        |              |             |
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Form PTO-A820 (also form PTO-1449)

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| ٠                                     |          | 4,599,598  | 7/8/86           | Komod               | a et al.                    |                        |  |                    |              |
|                                       |          | 4,937,569  | 6/26/90          | Trask e             | t al.                       |                        |  |                    |              |
|                                       |          | 5,406,249  | 4/11/95          | Pettus              |                             |                        |  |                    |              |
|                                       |          | 5,801,643  | 9/1/98           | William             | s et al.                    |                        |  |                    |              |
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|                                       |          | Tucker, "Automated I<br>1, pp. 28-31.              | Meter Reading: A | Regulator           | 's Viewpoint", Public       | Utilities Fortnight    | ly, 01 January                                   | 1991, Vol.         | 127, No.     |
|                                       |          | 1, рр. 20-31.                                      |                  |                     |                             |                        |  |                    |              |
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